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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		No.	107044-0045	4
First Inventor Patrick M.			rick M. Schweizer	Si
Title	SHUTT	ER M	ECHANISM FOR FUEL CELL	₩ 257 ₩ 220
Expres	ss Mail La	bel No	EV 335 587 151 US	87

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patient application contents. ADDRESS TO: Commissioner for Patients Box 1450 Every Test Program (Application Services of Patients Box 1450 Applicant claims small entity status. See 37 CFR 1.27 See 37 CFR 1.27 Specification Total Pages [22] 1 Ignetizated arrangement sof north below) Program (Regarding Fed sponsered R a D Reference to sequence listing, a table, or a computer program (Ising) appendix - Background of the Invention - Bird (Description of the Invention C) - Cloral (Sequence Submission (If applications Sequence Listing on: L) (CO-ROM or CD-R (2 copies)) or II. CD-ROM or CD-R (2 copies); or III. CD-ROM or CD-ROM or CD-R (2 copies); or III. CD-ROM or CD-ROM or CD-ROM or CD-ROM or CD-R (2 copies); or III. CD-ROM or CD-ROM or C	10.117 10.11	on nonprovidena	applications arrast or	C.: .: .: .: .: .: .: .: .: .: .: .: .: .					9		
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Computer Program (Appendix)	See MPEP C	napter 600 conce	ication contents.					VA 22313-1450			
Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence isting, a table, or a computer program listing appendix - Buckground of the Invention - Brid Summary of the Invention - Detail Summary of the Invention - Detail Continuation - Detail Continuation - Claim(s) - Abstract of the Disclosure 4. ☑ Drawing(s) (35 U.S.C.113)	2.	(Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 23]] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table,				 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) 					
- Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C.113)	-; -;					b. Specification Sequence Listing on: i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper c. ☐ Statements verifying identity of above copies					
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b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)) (f) Copy from a prior application (37 CFR 1.63 (d)) (f) Copy from a prior application (37 CFR 1.63 (d)) (f) Copy from a prior application (50 copy from application (50 copy from a prior application (50 copy from a prior application (50 copy from a prior application (50 copy from a	5. Oath or [Declaration	[Total	Pages 2]	1 _			=	9 Citations		
(for a continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: // Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Rita M. Rooney Rita M. Rooney Rita M. Rooney Registration No. (Attorney/Agent) Rooney Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) 30,585	a. 🛛	Newly execute	d (original or copy)		_		•				
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named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: / Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS 24267 PATENT TRADEMARK OFFICE Rita M. Rooney Registration No. (Attorney/Agent) 30,585	i					(if foreign priority is claimed)					
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation					16. 🔲						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: / Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box Sb, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Contemplate of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Correspondence address below Rate M. Rooney Registration No. (Attorney/Agent) 30,585											
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Rita M. Rooney Cesari and McKenna 88 Black Falcon Avenue City Boston State MA Zip Code 02210 Country U. S. A. Telephone (617) 951-2500 Fax (617) 951-3927 Name (Print/Type) Rita M. Rooney Registration No. (Attorney/Agent) 30,585	17. CORRESPONDENCE ADDRESS										
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	Country	U. S. A. Telephone			(617) 951-2500 Fax (617) 951-3927						
Signature Date March 9, 2004	Name (Print/Type) Rita M. Rooney R				Registration	Registration No. (Attorney/Agent) 30 ,585					
Show in some	Signature Star Rooney							Date	March 9, 2004		

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Group Art Unit

Attorney Docket No.

Not yet assigned

107044-0045

FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Application Number Not yet assigned
Filing Date March 9, 2004

First Named Inventor Patrick M. Schweizer

Examiner Name Not yet assigned

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Check Credit Card Money Cher None Order Deposit Account Number Deposit Account Cesari and McKenna, LLP Account The Commissioner is authorized to: (check all that apply) Charge any deficiency or Charge fee indicated below Account Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee to the above- identified disposit account. FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee See See Fee Description Fee Paid Code (8) Code (9) C	METHOD C			FE	E CA	LCULATI	ON (continue	d)			
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from below Fee Paid Total Claims 17 - 20** = 0 x 18 = 0 Independent Claims 6 - 3** = 3 x 86 = 258 Multiple Dependent					1,300	2501	650	Utility Issue	fee (or reissue)		
Subtract				1502	470	2502	235	Design Issu	ie fee		
Claims below Fee Paid Total Claims 17 - 20** = 0 x 18 = 0 Independent Claims 6 - 3** = 3 x 86 = 258 Multiple Dependent	2. EXTRA CLAII			1503	630	2503	315	Plant Issue	fee		
Independent				1460	130	1460	130	Petitions to	the Commission	ner	
Independent Claims 6 - 3** = 3 x 86 = 258 Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Description 1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 258 **Reduced by Basic Filling Fee Paid Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1802 900 1802 900 Request for Continued Examination of a design application 1802 900 1802 900 Request for expedited examination of a design application 1804 8021 40 Recording each patent assignment per property (times number of properties) 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1802 900 1802 900 Request for expedited examination of a design application 1802 900 1802 900 Request for expedited examination of a design application 1804 8021 40 Recording each patent assignment per property (times number of property (times number design application 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(b)) 1810 750 2810 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 1804 804 804 804 804 804 804 804 804 804	Total Claims 17	- 20** = 0 x 18] = 0	1807	50	1807	50	Processing	fee under 37 CF	R 1.17(q)	
Multiple Dependent	Independent 5		- 258	1806	180	1806	180	Submission	of Information D	Disclosure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Fee Description] - ° - <u>[3</u>] × <u>[86</u>		8021	40	8021	40	•	•	•	40
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Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 258 **Reduced by Basic Filling Fee Paid 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1802 900 1802 900 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) **Reduced by Basic Filling Fee Paid **Reduced by Basic Filling Fee Paid				1809	/50	2809	3/5	-		al rejection	
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1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent 1205 SUBTOTAL (2) \$ 258 **Reissues, see below	1202 18 2202										1
1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$\bigstyle{\psi}\$ 258 **Reissues, see below 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) Other fee (specify) **Reduced by Basic Filing Fee Paid **Reduced by Basic Filing Fee Paid **Reduced by Basic Filing Fee Paid				1801	750	2801	375	Request for	Continued Exar	mination (RCE)	
original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 258 "or number previously paid, if greater, For Reissues, see below Other fee (specify) Other fee (specify) Reduced by Basic Filing Fee Paid \$\$\$ SUBTOTAL (3) \$ 40\$				1802	900	1802	900	Request for	expedited exam	nination	
and over original patent SUBTOTAL (2) (\$) 258 "or number previously paid, if greater, For Reissues, see below Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40		original patent				'		of a design	application		
SUBTOTAL (2) (\$) 258 *Reduced by Basic Filling Fee Paid SUBTOTAL (3) (\$) 40											
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	**or number previously r	, ,	236	*Red	uçed b	y Basi	c Filing	Fee Paid	SUBIOTA	AL (3) (\$)	40
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Name (Print/Type) Rita M. Rooney Registration No. 30,585 Telephone (617) 951-2500						n 55	15				500
Signature (Attorney/Agent) Date March 9, 2004	(Attorney)										

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: Patrick M. Schweizer)	
Serial No.: Not yet assigned)	Examiner: Not yet assigned
Filed: March 9, 2004 For: SHUTTER MECHANISM FOR FUEL CELL))))	Art Unit: Not yet assigned
)	Cesari and McKenna, LLP 88 Black Falcon Avenue Boston, MA 02210 March 9, 2004

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EV 335 587 151 US

The following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

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X Fee Transmittal Letter	X Utility Patent Application Transmittal
	Letter
X Assignment With Recordation Form	X_Informal Drawing (8 sheets)
Cover Sheet	
X Check for \$1,068.00	